



MSDS No.: 284
Revision No.: 002
Revision Date: 10/12/05
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MATERIAL SAFETY DATA SHEET

Product name: CP 637 Firestop Mortar
Description: Fire resistant plaster for sealing penetrations in concrete and masonry
Supplier: Hilti, Inc. P.O. Box 21148, Tulsa, OK 74121
Emergency # (Chem-Trec.): 1 800 424 9300 (USA, PR, Virgin Islands, Canada); 001 703 527 3887 (other countries)

INGREDIENTS AND EXPOSURE LIMITS

Ingredients:	CAS Number:	TLV:	PEL:	STEL:
Calcium sulphate hemihydrate	10034-76-1	10 mg/m ³	15 mg/m ³ (T); 5 mg/m ³ (R)	NE
Perlite	93763-70-3	10 mg/m ³	15 mg/m ³ (T); 5 mg/m ³ (R)	NE

Abbreviations: NE = None Established. NA = Not Applicable. (T) = "total" dust. (R) = "respirable" fraction.

PHYSICAL DATA

Appearance:	Light red powder	Odor:	None
Vapor Density: (air = 1)	Not applicable	Vapor Pressure:	Not applicable
Boiling Point:	Not applicable	VOC Content:	<1% w/w
Evaporation Rate:	Not applicable	Solubility in Water:	Soluble
Bulk Density:	40.6 lbs/ft ³	pH:	neutral

FIRE AND EXPLOSION HAZARD DATA

Flash Point:	Not applicable	Flammable Limits:	Not applicable
Extinguishing Media:	Not applicable		
Special Fire Fighting Procedures:	Not applicable; as appropriate for the surrounding fire.		
Unusual Fire and Explosion Hazards:	None known		

REACTIVITY DATA

Stability:	Stable.
Hazardous Polymerization:	Will not occur.
Incompatibility:	Phosphorus and diazomethane.
Decomposition Products:	Not applicable
Conditions to Avoid:	Keep away from incompatible materials. Keep dry.

HEALTH HAZARD DATA

Known Hazards:	Irritation
Signs and Symptoms of Exposure:	Eyes: Can cause irritation, inflammation and conjunctivitis. Skin: Contact with moist skin or prolonged and repeated contact can cause irritation. Inhalation: No ill effects expected. Ingestion: Effects of ingestion have not been determined. No ill effects expected.
Routes of Exposure:	Dermal; Inhalation
Carcinogenicity:	No ingredients are classified as a carcinogen by IARC, NTP or OSHA.
Medical Conditions Aggravated by Exposure:	Eye, skin, and respiratory conditions.

EMERGENCY AND FIRST AID PROCEDURES

Eyes:	Flush with plenty of water. Call a physician if symptoms occur.
Skin:	Wash with soap and water.
Inhalation:	Move to fresh air.
Ingestion:	Not a likely route of exposure.
Other:	Referral to a physician is recommended if there is any question about the seriousness of the injury/exposure.

CONTROL MEASURES AND PERSONAL PROTECTIVE EQUIPMENT

Ventilation:	General (natural or mechanically induced fresh air movements).
Eye Protection:	Safety glasses should be worn while mixing and applying product.
Skin Protection:	Impermeable gloves recommended.
Respiratory Protection:	None normally required.

PRECAUTIONS FOR SAFE HANDLING AND USE

Handling and Storing Precautions:	Follow label/use instructions. Avoid generating dusts. Use with adequate ventilation. Avoid prolonged or repeated contact. Practice good hygiene; i.e. always wash thoroughly after handling chemical products. Store in a dry location. For industrial use only. Keep out of reach of children.
Spill Procedures:	Sweep up and place in a salvage container for proper disposal. See disposal guidelines below.

REGULATORY INFORMATION

Hazard Communication:	This MSDS has been prepared in accordance with the federal OSHA Hazard Communication Standard. 29 CFR 1910.1200.
HMIS Codes:	Health 1, Flammability 0, Reactivity 0, PPE B
DOT Shipping Name:	Not regulated
IATA / ICAO Shipping Name:	Not regulated.
TSCA Inventory Status:	Chemical components listed on TSCA inventory.
SARA Title III, Section 313:	This product does not contain any ingredients which are subject to reporting under Section 313 of SARA Title III (40 CFR Part 372).
EPA Waste Code(s):	Not regulated by EPA as a hazardous waste
Waste Disposal Methods:	No known restrictions.

CONTACTS

Customer Service:	1 800 879 8000	Technical Service:	1 800 879 8000
Health / Safety:	1 800 879 6000	Jerry Metcalf	(x6704)
Emergency # (Chem-Trec):	1 800 424 9300 (USA, PR, Virgin Islands, Canada); 001 703 527 3887 (Other countries)		

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